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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/814,264	04/01/2004	Jong Jin Park	021269-013	8445	
21839	7590 09/21/2005	EXAMINER			
	N INGERSOLL PC G BURNS, DOANE, SWEG	DICKEY, T	DICKEY, THOMAS L		
	CE BOX 1404	ART UNIT	PAPER NUMBER		
ALEXANDE	RIA, VA 22313-1404		2826		

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

•	<u> </u>	Applica	tion No.	Applicant(s)				
		10/814,		PARK ET AL.	an			
	Office Action Summary	Examin	er	Art Unit				
		Thomas	L. Dickey	2826				
	The MAILING DATE of this communi		•		ss			
Period for	or Reply							
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR CHEVER IS LONGER, FROM THE MINISTRICT OF THE MINISTRICT OF THE MONTHS from the mailing date of this common of the provisions of the maximum state of the provisions of the maximum state of the provisions of the provision of the provi	AILING DATE OF T of 37 CFR 1.136(a). In no countries in nunication. atutory period will apply and will, by statute, cause the a	FHIS COMMUNICA event, however, may a reply will expire SIX (6) MONTH pplication to become ABAN	TION. be timely filed from the mailing date of this comm DONED (35 U.S.C. § 133).				
Status								
1)⊠	Responsive to communication(s) file	ed on 07 April 2005						
2a)□	This action is FINAL . 2b)⊠ This action is non-final.							
3)								
-,	closed in accordance with the practic							
Disposit	ion of Claims							
4)⊠	Claim(s) 1-23 is/are pending in the a	application.						
-,—	4a) Of the above claim(s) is/are withdrawn from consideration.							
5)□	Claim(s) is/are allowed.							
	Claim(s) is/are rejected.							
	Claim(s) is/are objected to.							
8)⊠	Claim(s) 1-23 are subject to restriction	on and/or election r	equirement.					
Applicat	ion Papers							
9)[The specification is objected to by the	e Examiner.						
10)	The drawing(s) filed on is/are:	a) accepted or	b)□ objected to by	the Examiner.				
	Applicant may not request that any object	ction to the drawing(s) be held in abeyance	. See 37 CFR 1.85(a).				
	Replacement drawing sheet(s) including	the correction is requ	uired if the drawing(s)	is objected to. See 37 CFR	1.121(d).			
11)	The oath or declaration is objected to	by the Examiner. I	Note the attached C	Office Action or form PTO-	152.			
Priority (under 35 U.S.C. § 119							
	Acknowledgment is made of a claim ☐ All b)☐ Some * c)☐ None of: 1.☐ Certified copies of the priority			19(a)-(d) or (f).				
	2. Certified copies of the priority			lication No.				
	3. Copies of the certified copies				age			
	application from the Internatio							
* (See the attached detailed Office actio	n for a list of the ce	rtified copies not re	ceived.				
Attachmen	it(s)							
1) Notic	ce of References Cited (PTO-892)			nmary (PTO-413)				
3) Infor	ce of Draftsperson's Patent Drawing Review (P mation Disclosure Statement(s) (PTO-1449 or er No(s)/Mail Date			Mail Date rmal Patent Application (PTO-15	i2)			
		<u></u>						

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DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 16-23, drawn to a method, classified in class 117, subclass 68.
 - II. Claims 1-15, drawn to a device, classified in class 257, subclass 40.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case unpatentability of the Group II product invention would not necessarily imply unpatentability of the Group I process invention, because the product of the Group II invention could be made by a materially different process from that of the Group I invention. For example, the product of claim 1 could be made by a process comprising the steps of: i) producing a semiconductor nanocrystal film using a photosensitive composition comprising a) semiconductor nanocrystals, and b) a photocurable compound, ii) exposing the film completely and in an indiscriminate fashion; and iii) developing the exposed film, a process materially different from the process of claim 16.

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Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

2. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement is traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas L Dickey whose telephone number is 571-272-1913. The examiner can normally be reached on Monday-Thursday 8-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J Flynn can be reached on 703-308-6601. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published

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applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thomas L. Dickey Patent Examiner Art Unit 2826 09/05

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